PCT

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International Application No.
International Filing Date
,
Name of receiving Office and "PCT International Application"

REQUEST	International Filing Date		
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT Inter Applicant's or agent's file reference (if desired) (12 characters maximum) ISF		
	(if desired) (12 characters maximum) ISF		
Box No. I TITLE OF INVENTION A CONTROL CIRCUIT FOR DIODE BASED R	CIRCUITS		
Box No. II APPLICANT This person	is also inventor		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	te is indicated below.)		
INDIAN SPACE RESEARCH ORGANISATI	JN		
ISRO Headquarters, Department of Space, Antariksh Bhavan,	Teleprinter No.		
New Bel Road, Bangalore 560094 Karnataka, India	Applicant's regis	tration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of residence:		
This person is applicant all designated for the purposes of:	d States except the United States of America only	the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of resident SUBHASH CHANDRA BERA Space Applications Center, Satcom Payload Technology Area, Ambawadi Vistar Post Office, Ahmedabad 380015, Gujarat, India	applican inventor is marke	at only at and inventor only (If this check-box d, do not fill in below.) stration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of residence:		
This person is applicant all designated all designate for the purposes of:	d States except tates of America the United States of America only	the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated	on a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS FOR CORRESPOND	ENCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authoritie	on behalf agent agent	common representative	
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of	ountry.) +91 44 249	941128	
DePENNING & DePENNING, 31 South Bar Chennai 600028, Tamil Nadu, India repres	ented by +91 44 249	941590	
Banerjee BL, Bhattacharya RP, Menon MV Solomon DJ	Teleprinter No. dandi@vsr	al.com	
		ion No. with the Office	
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.			

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

See Notes to the request form

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) PRAVEEN SUBRAMANIAN BHARADHWAJ Space Applications Center, Satcom Payload Technology Area, Ambawadi Vistar Post Office, Ahmedabad 380015, Gujarat, India State (that is, country) of nationality: State (that is, country)		person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) icant's registration No. with the Office sidence:	
This person is applicant for the purposes of: all designated States all designated the United States		nited States indicated in the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence if RAJVIR SINGH Space Applications Center Satcom Payload Technology Area, Ambawadi Vistar Post Office, Ahmedabad 380015, Gujarat, India	s indicated below.)	person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) licant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of re	sidence:	
This person is applicant all designated for the purposes of:	States except es of America the Us	nited States the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this is indicated below.)	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) licant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of re	esidence:	
This person is applicant for the purposes of: all designated all designated the United States	States enterpt	nited States the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this is indicated below.)	applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) olicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) of re	esidence:	
This person is applicant all designated all designated for the purposes of:		nited States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Form PCT/RO/101 (continuation sheet) (March 2001; reprint July 2002)

See Notes to the request form

Bo	κ No.	V DESIGNATION OF STATES	Mark the applicable check-boxes below; at least one must be marked.		
		owing designations are hereby made un	der Rule 4.9(a):		
Re	gion	al Patent	TOTAL STREET STREET OF COLUMN		
		SL Sierra Leone, SZ Swaziland, TZ U State which is a Contracting State of specify on dotted line)	Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, nited Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other the Harare Protocol and of the PCT (if other kind of protection or treatment desired,		
	EA	RU Russian Federation, TJ Tajikistar Patent Convention and of the PCT	Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian		
	EP	Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT			
	OA	GA Gabon, GN Guinea, GQ Equator	Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, ial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, ate which is a member State of OAPI and a Contracting State of the PCT (if other kind cify on dotted line)		
Ns	tion	al Patent (if other kind of protection o	r treatment desired, specify on dotted line):		
X	AF	United Arab Emirates	GM Gambia NZ New Zealand		
	٨C	Antimus and Barbuda	HR Croatia MO OM Oman		
X	AL	Albania	HU Hungary PH Philippines		
S	AM	Armenia	ID Indonesia PL Poland		
X	ΑT	Austria	IL Israel PT Portugal		
K	ΑU	Australia	IN India		
X	ΑZ	Azerbaijan	and rectains		
		Bosnia and Herzegovina			
X	BB	Barbados	KE Kenya SD Sudan		
5	BG	Bulgaria	KG Kyrgyzstan		
			of Korea		
5	BY	Belarus	KR Republic of Korea		
			KZ Kazakhstan SL Sierra Leone		
		Canada & LI Switzerland and Liechtenstein -			
	CN	China			
			LR Liberia TN Tunisia		
	CP		LS Lesotho		
	CU	Cuba			
X	C7.	Czech Republic	 		
	DE	Germany	I.V Latvia TZ United Republic of Tanzania		
	DK	Denmark	MA Morocco		
	DM	Dominica	MD Republic of Moldova		
	DZ	Algeria	US United States of America		
	EC	Ecuador	MG Madagascar		
K	EE	Estonia	MK The former Yugoslav Republic of 🔀 UZ Uzbekistan		
×	ES	Spain	Macedonia 🔀 VN Viet Nam		
R	FI	Finland	MN Mongolia X YU Yugoslavia		
X	l GB		MWMalawi ZA South Africa		
	GD	Grenada	MX Mexico ZM Zambia		
			MZ Mozambique 🔀 ZW Zimbabwe		
	GH	Ghana	NO Norway		
ا ر	heck-	hoxes below reserved for designating S	tates which have become party to the PCT after issuance of this sheet:		
	 PH	designating of	Z ZM XX TN		
	0	М	₫ EQ		
P	recau	tionary Designation Statement: In a	ddition to the designations made above, the applicant also makes under Rule 4.9(b) alunder the PCT except any designation(s) indicated in the Supplemental Box as being		

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet	No	4

Box No. VI PRIORITY CLAIM				
The priority of the following	earlier application(s) is hereb	y claimed:		
Filing date	Number	·	Where earlier application	is:
of earlier application (day/month/year) of earlier application		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1)		1		
item (2)				
item (3)				
item (4)				
item (5)				·
	are indicated in the Suppleme			
The receiving Office is reque if the earlier application was fabove as:	sted to prepare and transmit	the purposes of this intern	national application is the I	earlier application(s) (only receiving Office) identified other, see
all items item (,(.,	m (4) item (5)	Supplemental Box
* Where the earlier application Industrial Property or one Me	n is an ARIPO application, in ember of the World Trade Or	ndicate at least one count rganization for which that	ry party to the Paris Conve t earlier application was fi	ention for the Protection of led (Rule 4.10(b)(ii)):
Box No. VII INTERNAT	IONAL SEARCHING AU	THORITY		
Choice of International Sea international search, indicate	rching Authority (ISA) (if the Authority chosen; the two	two or more International 5-letter code may be used,	Searching Authorities are):	competent to carry out the
ISA /				
Request to use results of ea International Searching Author		hat search (if an earlier	search has been carried o	ut by or requested from the
Date (day/month/year)	Numb	per Cou	untry (or regional Office)	
Box No. VIII DECLARAT	ΓIONS			
The following declarations a check-boxes below and indica	are contained in Boxes Nos.	. VIII (i) to (v) (mark the mber of each type of decl	applicable aration):	Number of declarations
Box No. VIII (i)	_			:
Box No. VIII (ii)	Declaration as to the appli date, to apply for and be g		the international filing	;
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				:
Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America) :			:
Box No. VIII (v)	Declaration as to non-prej	judicial disclosures or ex	ceptions to lack of novelty	у :

Sheet No	J

Box No. IX CHECK LIST; LANGUAGE OF FILING			
This international application contains: (a) the following number of sheets in paper form:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item): 1. 1. 1. fee calculation sheet	Number of items	
request (including declaration sheets) 5	2. Zi original separate power of attorney	:	
description (excluding	3. original general power of attorney	: [
sequence listing part) : 16	4 🖂 copy of general power of attorney; reference number,		
Ciaillis	if any:	:	
abstract : 1 drawings :3	5. statement explaining lack of signature	:	
Sub-total number of sheets: 28	6. priority document(s) identified in Box No. VI as item(s):		
sequence listing part of description (actual number	7 7 translation of international application into		
of sheets if filed in paper	(language):		
form, whether or not also filed in computer readable	8. separate indications concerning deposited microorgan or other biological material	:	
form; see (b) below) :	9 sequence listing in computer readable form (indicate al	so type	
Total number of sheets : 28	and number of carriers (diskette, CD-ROM, CD-R or o	ther))	
(b) sequence listing part of description filed in computer readable form	 (i) copy submitted for the purposes of international under Rule 13ter only (and not as part of the international application) 	il search :	
(i) only (under Section 801(a)(i))	(ii) \(\preceq\) (only where check-box (b)(i) or (b)(ii) is marke	d in left	
(ii) in addition to being filed in paper form (under Section 801(a)(ii))	column) additional copies including, where app the copy for the purposes of international search	olicable,	
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the	Rule 13 <i>ter</i> (iii) together with relevant statement as to the ident	ity	
sequence listing part is contained (additional	of the copy or copies with the sequence listing	part	
copies to be indicated under item 9(ii), in right column):	mentioned in left column	•	
	10. other (specify):		
Figure of the drawings which should accompany the abstract: Fig.1	Language of filing of the international application: English		
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). (D J SOLOMON) REGISTERED PATENT AGENT OF DePENNING & DePENNING For receiving Office use only			
1. Date of actual receipt of the purported		2. Drawings:	
international application:		received:	
Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:			
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:	
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid		
For International Bureau use only			
Date of receipt of the record copy by the International Bureau:	•		